

LITTLE COLORADO RIVER BASIN

09395850 BLACK CREEK TRIBUTARY NEAR WINDOW ROCK, AZ

LOCATION.--Lat 35°39'15", long 109°05'20", in SE¹/₄, sec.13, T.26 N., R.30 E., Apache County, Hydrologic Unit 15020006, at Navajo Highway 21, 0.2 mi south of State Highway 264, and 2.75 mi southwest of Window Rock.

DRAINAGE AREA.--0.33 mi².

Annual peak discharges

Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes	Water year	Date	Annual peak discharge (ft ³ /s)	Discharge codes
1963	08-30-63	134		1970	08-07-70	102	
1964	08-13-64	145		1971	08-27-71	55	
1965	07-27-65	125		1972	09-00-72	124	
1966	08-01-66	12		1973	08-00-73	106	
1967	08-00-67	141		1974	08-05-74	109	
1968	08-06-68	171		1975	07-11-75	156	
1969	08-00-69	134		1976	00-00-76	81	

Magnitude and probability of instantaneous peak flow based on period of record

Discharge, in ft ³ /s, for indicated recurrence interval in years, and exceedance probability, in percent					
2	5	10	25	50†	100†
50%	20%	10%	4%	2%	1%
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Weighted skew	(logs) =	---			
Mean	(logs) =	---			
Standard dev.	(logs) =	---			

† Reliability of values in column is uncertain, and potential errors are large.

Basin characteristics

Main channel slope (ft/mi)	Stream length (mi)	Mean basin elevation (ft)	Forested area (percent)	Soil index	Mean annual precipitation (in)	Rainfall intensity, 24-hour	
						2-year (in)	50-year (in)
53.3	0.75	6,830	0.0	1.0	14.1	1.2	2.6

